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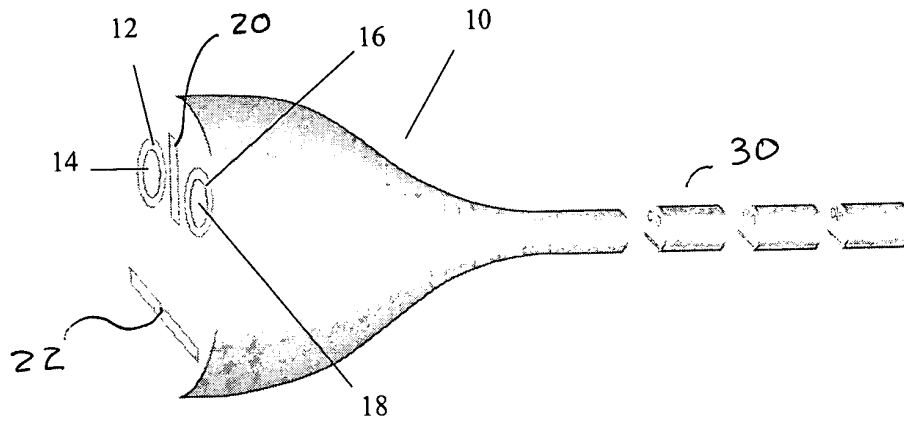


Figure 1

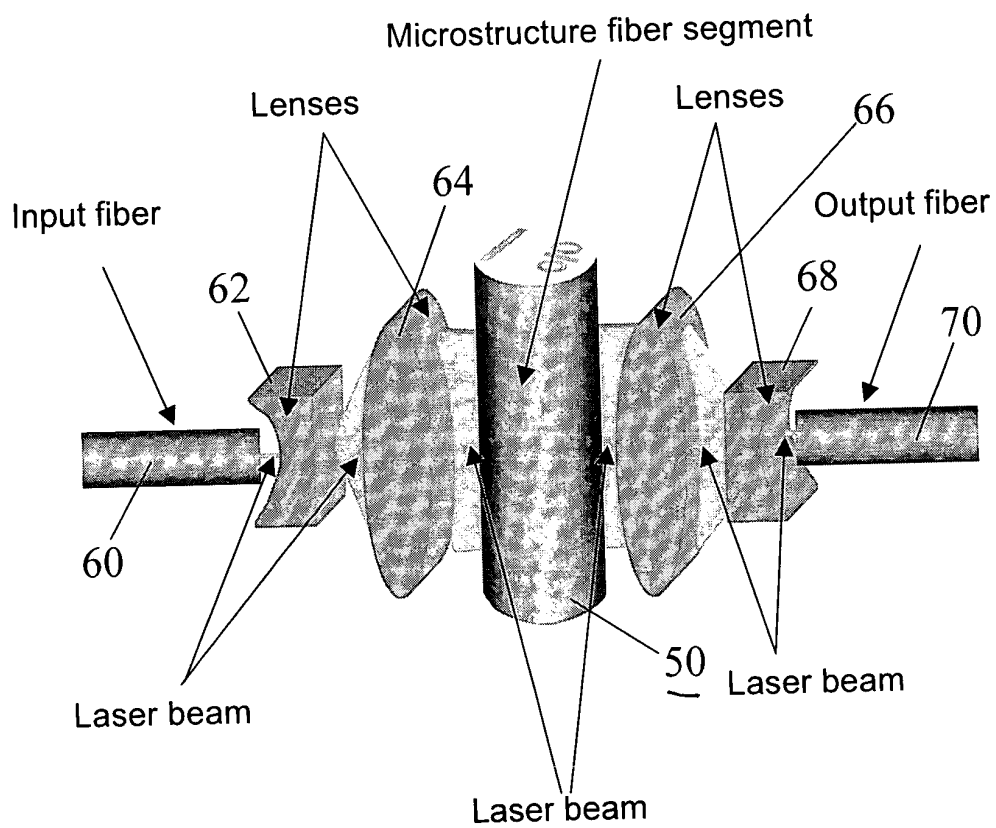
5



Figure 2

10

Figure 1 is a schematic diagram of a mechanical assembly 50. The assembly includes a vertical member 52 with a top flange 54, a horizontal member 56, and a vertical member 120. A force  $H$  is applied to member 52. Dimensions  $h$  and  $I$  are indicated for member 120.



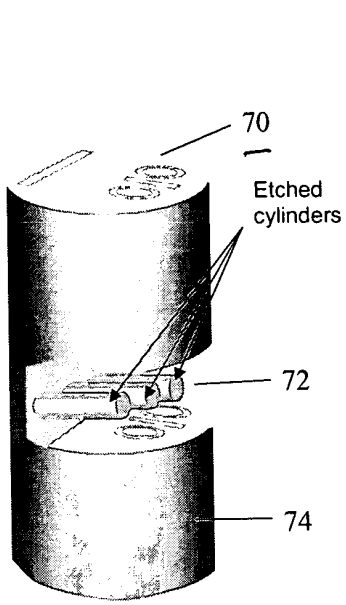


Figure 5

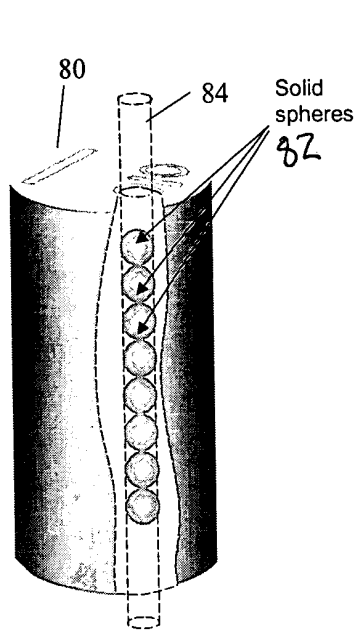


Figure 6

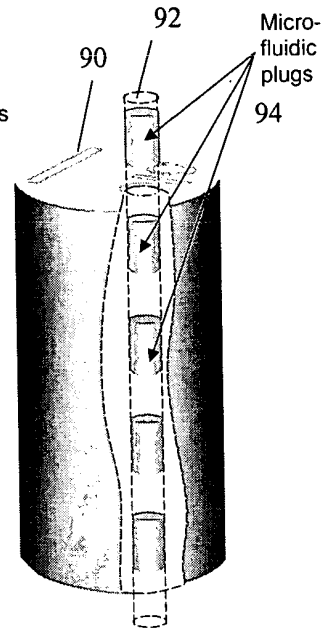


Figure 7

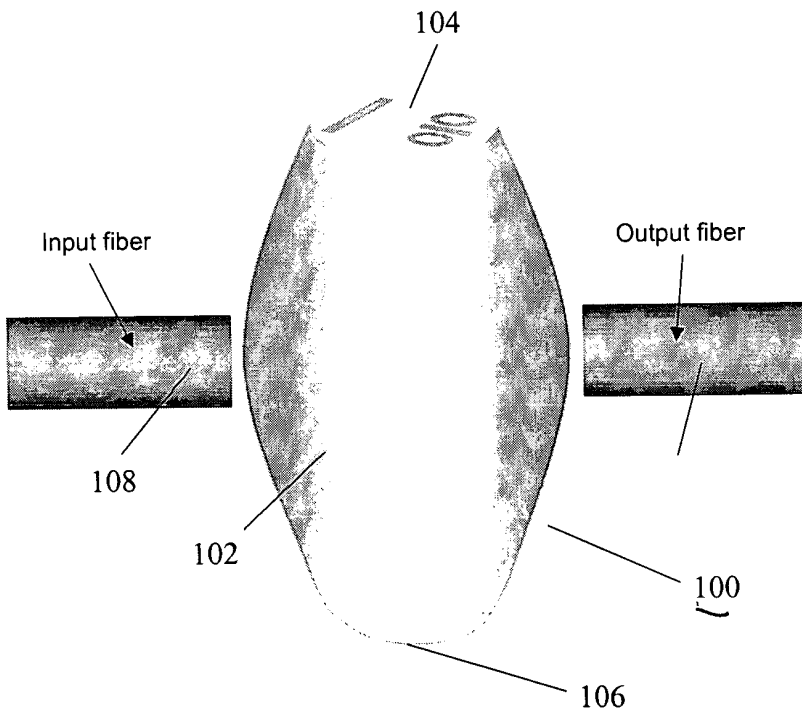


Figure 8

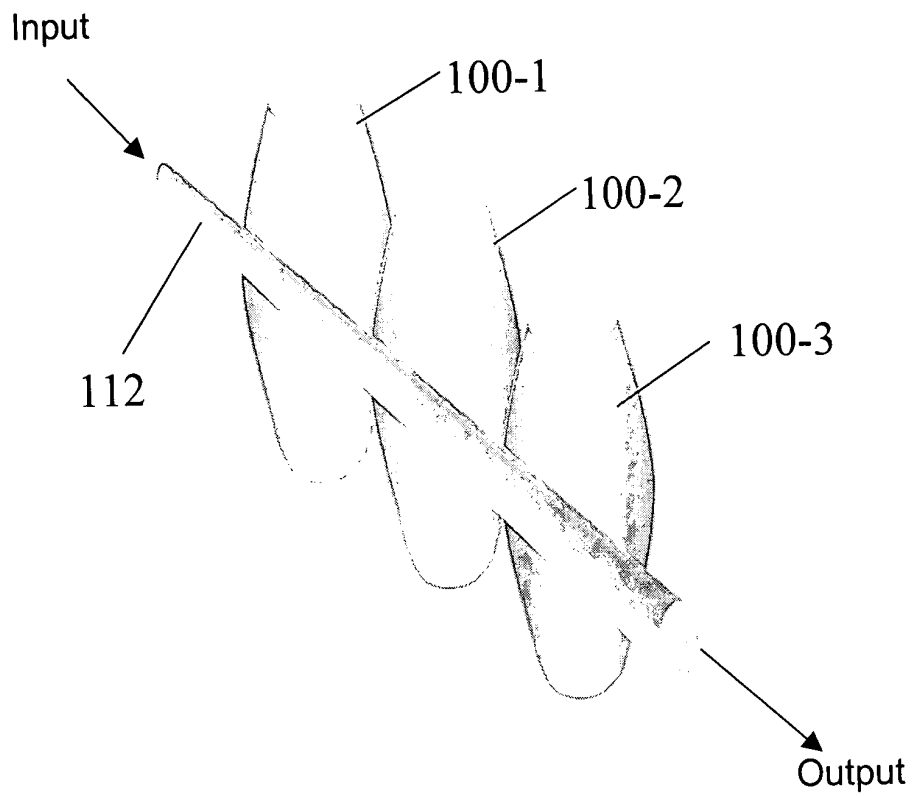


Figure 9

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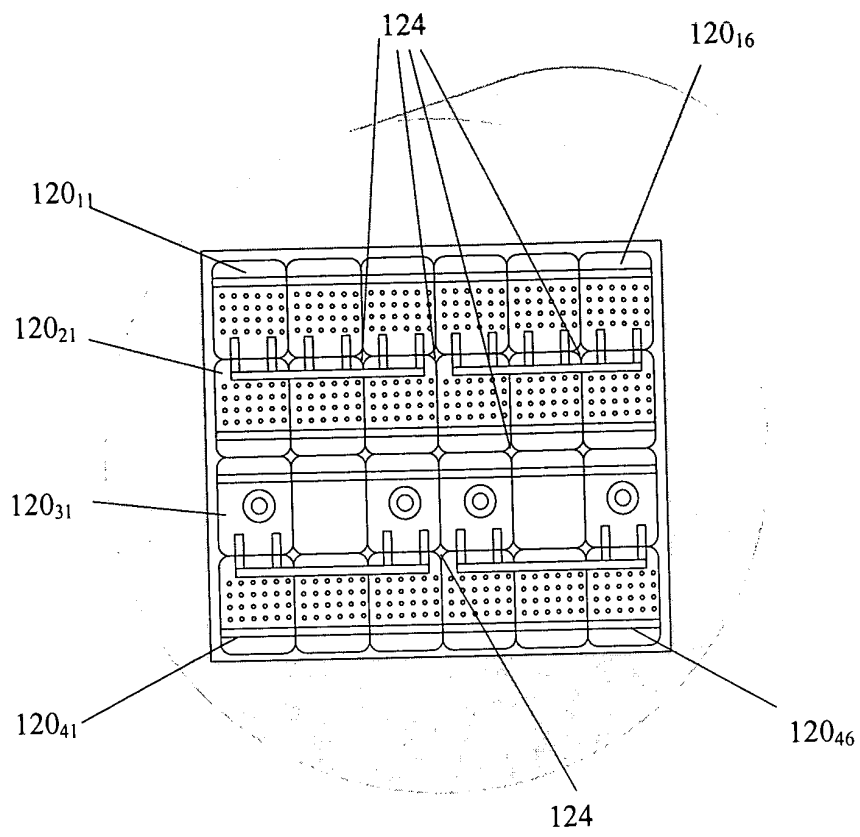
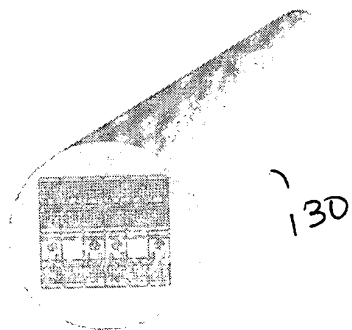
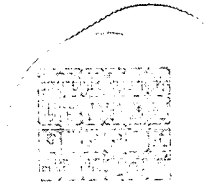


Figure 10

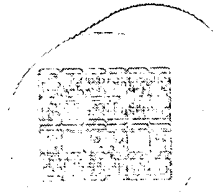


5 Figure 11

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1  
140-1



1  
140-2

Figure 12